

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	((("20040224870") or ("20030228997") or ("20030083220") or ("6699829") or ("20040167053") or ("5116525") or ("5759986") or ("5824634") or ("5531916") or ("6274543") or ("6313083") or ("6008179") or ("5194170") or ("5196137") or ("5124503") or ("5827812") or ("5856286") or ("5250208") or ("6852684") or ("6288017") or ("6277807") or ("6689734") or ("4961869") or ("5116526") or ("20050211949"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/08 13:32
L2	18	1 and (@ad<"20020607")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/08 13:32
L3	14	((("20040224870") or ("20030228997") or ("20030083220") or ("20040167053") or ("6699829") or ("5824634") or ("5531916") or ("6274543") or ("6030934") or ("6770614") or ("5856286") or ("6689734") or ("6281185") or ("6291417"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/08 13:32
L4	8	3 and (@ad<"20020607")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/08 13:33
S1	18073	((((claimed adj builder) or starch or (sodium adj metasilicate) or (monosodium adj phosphate) or (disodium adj phosphate) or (trisodium adj phosphate) or (sodium adj tripolyphosphate) or stpp or (sodium adj sulfate) or (sodium adj borate) or (sodium adj carbonate) or (sodium adj hydrogen adj carbonate) or sequecarbonate or metasilicate or orthosilicate or sesuisilicate or polysilicate or (sodium adj silicate)) and ((claimed adj surfactant) or anionic or cationic or (phosphate adj ester) or nonionic or non-ionic or (ether adj sulfate) or amphoteric or (fatty adj acids) or (fatty adj acid adj ester) or (tall adj oil) or (coconut adj fatty adj acid) or (stearic adj acid) or (oleic adj acid) or (palmitic adj acid)) and ((claimed adj hydrotrope) or (xylene adj sulfonate) or (toluene adj sulfonate) or xylenesulfonate or toluenesulfonate or urea or hydrotrope) and ((claimed adj water adj conditioner) or (chelating adj agent) or chelates or chelating or sequester or sequestering or (maleic adj acid) or polyacrylate or polyacrylic or EDTA or tetraacetic or NTA or nitrilotriacetic or (sodium adj citrate) or (sodium adj gluconate) or glucoheptonate) and ((claimed adj alkali) or (sodium adj hydroxide) or (potassium adj hydroxide) or monoethylamine or diethylamine or triethylamine or monomethylamine or dimethylamine or trimethylamine or isopropylamine or diisopropylamine or isopropanolamine or diisopropanolamine or alkanolamine or monoethanolamine or (monoethanol adj amine) or diethanolamine or triethanolamine or (ammonium adj hydroxide) or ammonia or (sodium adj aluminate) or (calcium adj oxide) or (magnesium adj oxide) or (calcium adj hydroxide) or (magnesium adj hydroxide)) and ((claimed adj processing adj aid) or carboxymethylcellulose or (carboxymethyl adj cellulose) or (sodium adj alginate) or monosaccharides or disaccharides or saccharides or guar or xanthan or xanthan or polymethacrylate or polymethacrylic or polyacrylic) and ((builder adj salt) or sodium or potassium or calcium or magnesium or zinc or aluminum or barium or beryllium or ammonium or lithium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:28
S2	11187	S1 and (@ad<="20020530")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 18:04

## EAST Search History

S3	8537	S2 and (tar or bituminous or rubber or polymer or stripper or industrial or automotive or degreaser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:28
S4	4411	S2 and (tar or bituminous or rubber or stripper or industrial or automotive or degreaser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:28
S5	2976	S2 and (tar or bituminous or stripper or industrial or automotive or degreaser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:28
S6	650	S5 and ("510"/\$ or "134"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:29
S7	38	(((claimed adj builder) or starch or (sodium adj metasilicate) or (monosodium adj phosphate) or (disodium adj phosphate) or (trisodium adj phosphate) or (sodium adj tripolyphosphate) or stpp or (sodium adj sulfate) or (sodium adj borate) or (sodium adj carbonate) or (sodium adj hydrogen adj carbonate) or sequicarbonate or metasilicate or orthosilicate or sesuisilicate or polysilicate or (sodium adj silicate)) and ((claimed adj surfactant) or anionic or cationic or (phosphate adj ester) or nonionic or non-ionic or (ether adj sulfate) or amphoteric or (fatty adj acids) or (fatty adj acid adj ester) or (tall adj oil) or (coconut adj fatty adj acid) or (stearic adj acid) or (oleic adj acid) or (palmitic adj acid)) and ((claimed adj hydrotrope) or (xylene adj sulfonate) or (toluene adj sulfonate) or xylenesulfonate or toluenesulfonate or urea or hydrotrope) and ((claimed adj water adj conditioner) or (chelating adj agent) or chelates or chelating or sequester or sequestering or (maleic adj acid) or polyacrylate or polyacrylic or EDTA or tetraacetic or NTA or nitrilotriacetic or (sodium adj citrate) or (sodium adj gluconate) or glucoheptonate) and ((claimed adj alkali) or (sodium adj hydroxide) or (potassium adj hydroxide) or monoethylamine or diethylamine or triethylamine or monomethylamine or dimethylamine or trimethylamine or isopropylamine or diisopropylamine or isopropanolamine or diisopropanolamine or alkanolamine or monoethanolamine or (monoethanol adj amine) or diethanolamine or triethanolamine or (ammonium adj hydroxide) or ammonia or (sodium adj aluminate) or (calcium adj oxide) or (magnesium adj oxide) or (calcium adj hydroxide) or (magnesium adj hydroxide)) and ((claimed adj processing adj aid) or carboxymethylcellulose or (carboxymethyl adj cellulose) or (sodium adj alginate) or monosaccharides or disaccharides or saccharides or guar or xanthan or xanthan or polymethacrylate or polymethacrylic or polyacrylic) and ((builder adj salt) or sodium or potassium or calcium or magnesium or zinc or aluminum or barium or beryllium or ammonium or lithium)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:29

## EAST Search History

S8	40	((claimed adj builder) or starch or (sodium adj metasilicate) or (monosodium adj phosphate) or (disodium adj phosphate) or (trisodium adj phosphate) or (sodium adj tripolyphosphate) or stpp or (sodium adj sulfate) or (sodium adj borate) or (sodium adj carbonate) or (sodium adj hydrogen adj carbonate) or sequicarbonate or metasilicate or orthosilicate or sesuisilicate or polysilicate or (sodium adj silicate)) and ((claimed adj surfactant) or anionic or cationic or (phosphate adj ester) or nonionic or non-ionic or (ether adj sulfate) or amphoteric or (fatty adj acids) or (fatty adj acid adj ester) or (tall adj oil) or (coconut adj fatty adj acid) or (stearic adj acid) or (oleic adj acid) or (palmitic adj acid)) and ((claimed adj hydrotrope) or (xylene adj sulfonate) or (toluene adj sulfonate) or xylenesulfonate or toluenesulfonate or urea or hydrotrope) and ((claimed adj water adj conditioner) or (chelating adj agent) or chelates or chelating or sequester or sequestering or (maleic adj acid) or polyacrylate or polyacrylic or EDTA or tetraacetic or NTA or nitrilotriacetic or (sodium adj citrate) or (sodium adj gluconate) or glucoheptonate) and ((claimed adj alkali) or (sodium adj hydroxide) or (potassium adj hydroxide) or monoethylamine or diethylamine or triethylamine or monomethylamine or dimethylamine or trimethylamine or isopropylamine or diisopropylamine or isopropanolamine or diisopropanolamine or alkanolamine or monoethanolamine or (monoethanol adj amine) or diethanolamine or triethanolamine or (ammonium adj hydroxide) or ammonia or (sodium adj aluminate) or (calcium adj oxide) or (magnesium adj oxide) or (calcium adj hydroxide) or (magnesium adj hydroxide)) and ((claimed adj processing adj aid) or carboxymethylcellulose or (carboxymethyl adj cellulose) or (sodium adj alginate) or monosaccharides or disaccharides or saccharides or guar or xanthan or xanthan or polymethacrylate or polymethacrylic or polyacrylic) and ((builder adj salt) or sodium or potassium or calcium or magnesium or zinc or aluminum or barium or beryllium or ammonium or lithium)).ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:29
S9	72	S5 and ((510/365).ccls. or stripper or bituminous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 13:32
S10	111	S8 or S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 15:40
S11	16	((("20040087463") or ("20030224961") or ("20050202989") or ("5554362") or ("4767563") or ("4983317") or ("5770550") or ("5681808") or ("6106633") or ("5853490") or ("4695284") or ("20030148905") or ("5902415") or ("4175062") or ("5747439") or ("5712236"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/07 16:03
S12	6	((("6106633") or ("5853490") or ("5712236") or ("4983317") or ("4767563") or ("4175062"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/07 16:04
S13	503	dichloroethylene.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 18:05
S14	613	dichloroethylene.clm,ti,ab. and (clean or cleaning or wash or washing or removing or removes or "510"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 18:05

## EAST Search History

S15	226	S14 and (ether or terpene or pyrrolidone or siloxane or ketone or ketones or terpenes or limonene or (glycol adj ether))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 18:06
S16	301	S14 and (ether or terpene or pyrrolidone or siloxane or ketone or ketones or terpenes or limonene or (glycol adj ether) or "510"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/08 12:45